FIG. 1

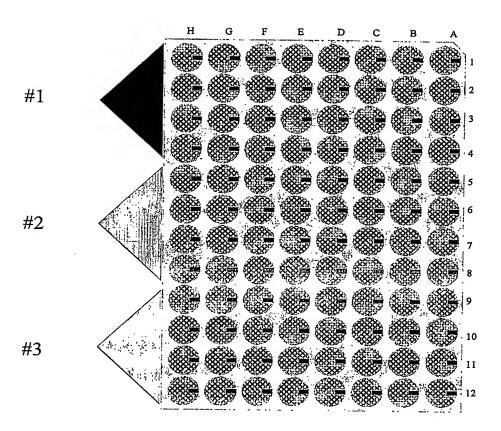
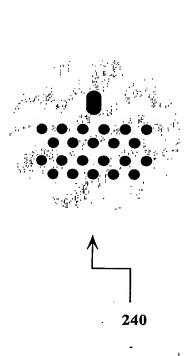


FIG. 2



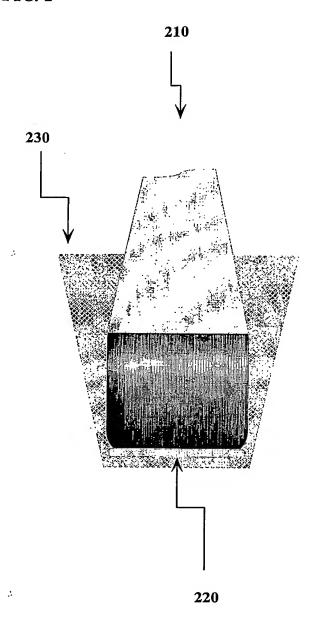
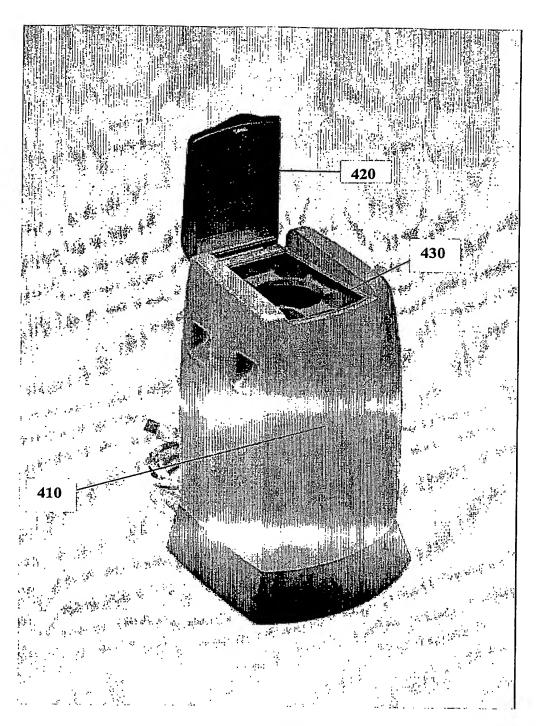


FIG. 3

310	
	:
320	
330	
340	Y Z
350	
360	
370	



. FIG. 4

FIG. 5

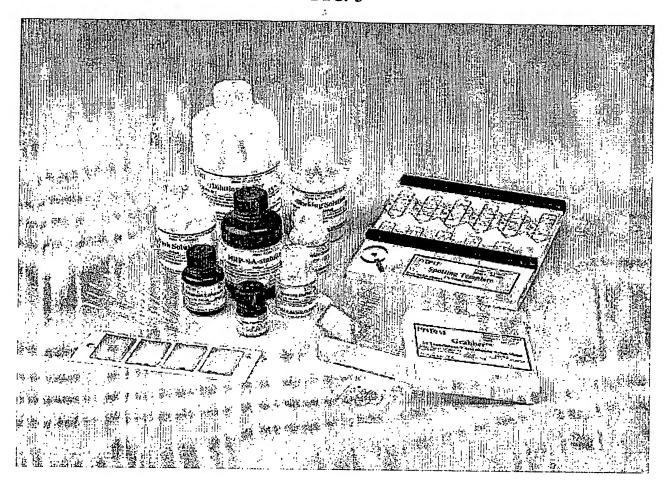


FIG. 6

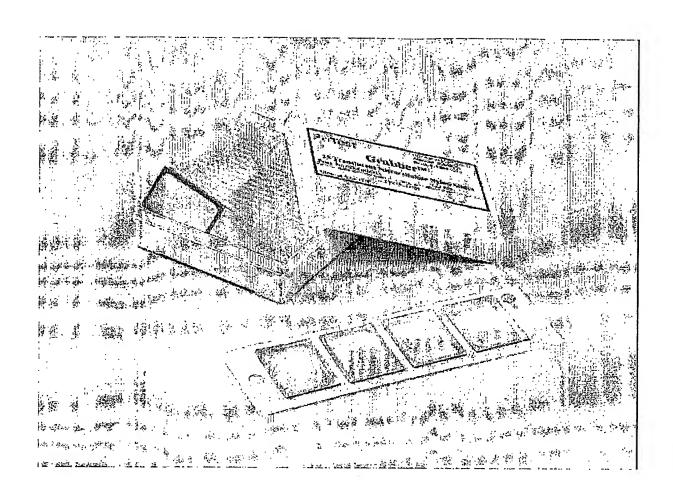


FIG. 7

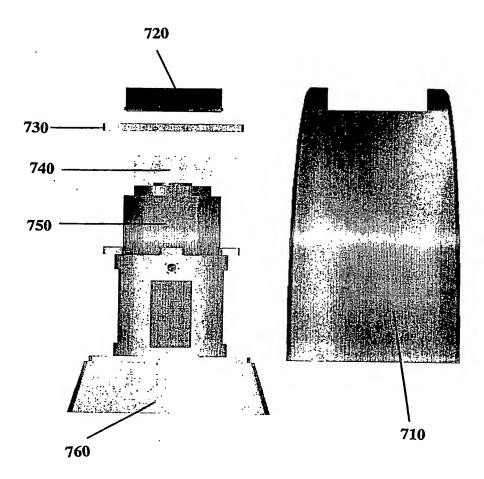


FIG. 8

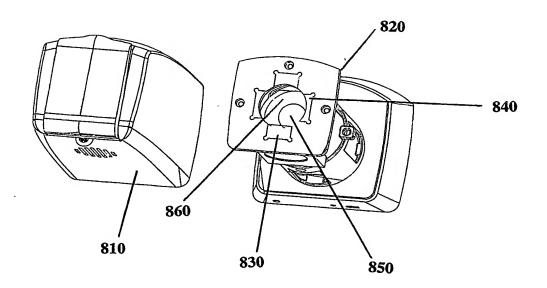
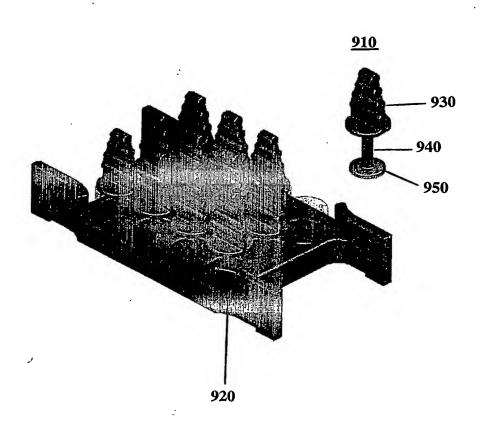


FIG. 9



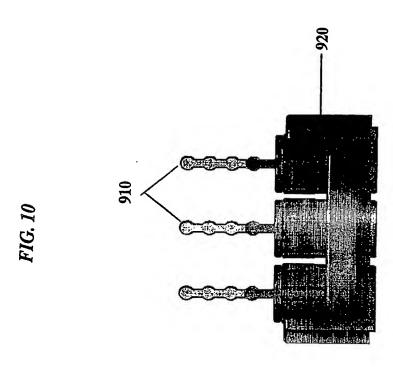
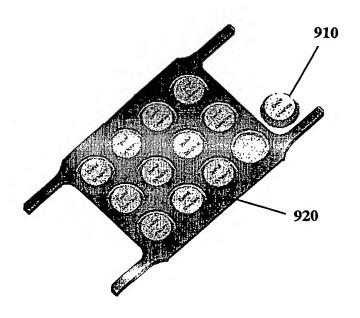


FIG. 11



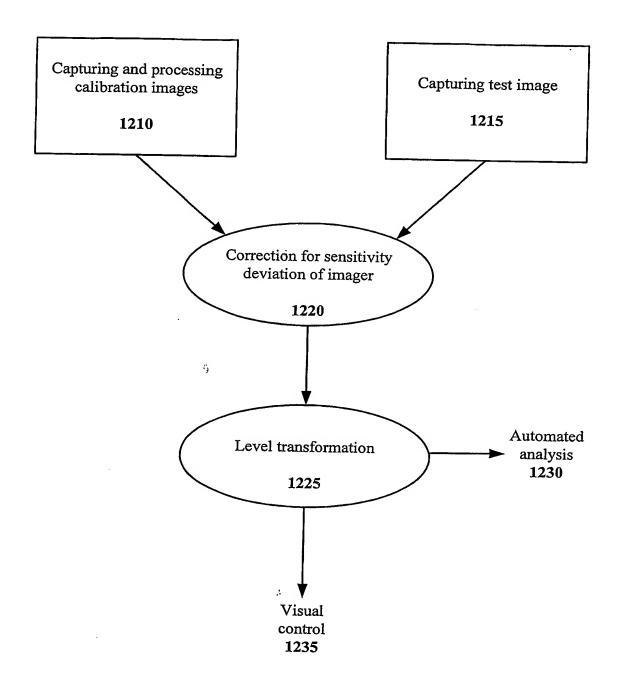


Figure 12

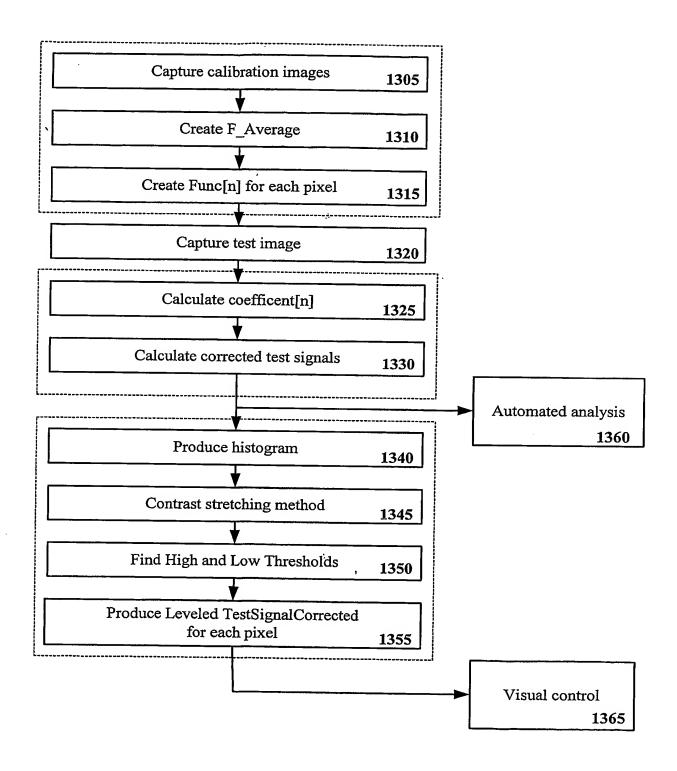


Figure 13

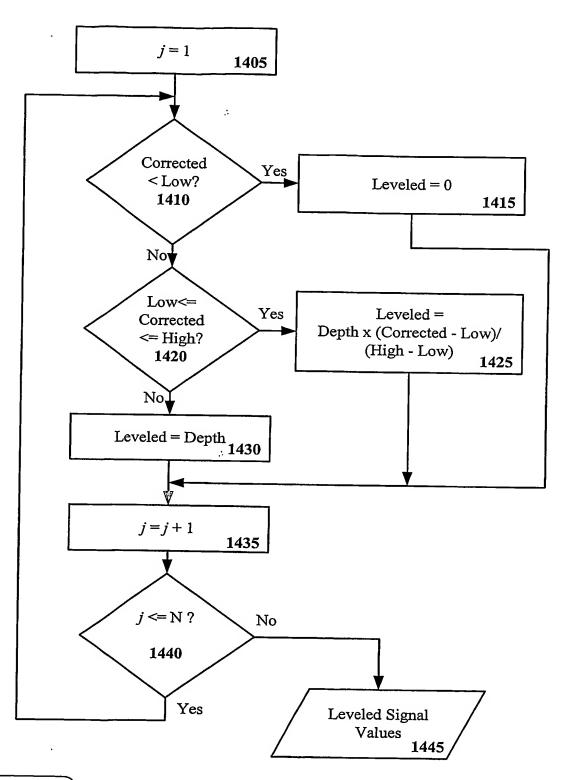


Figure 14

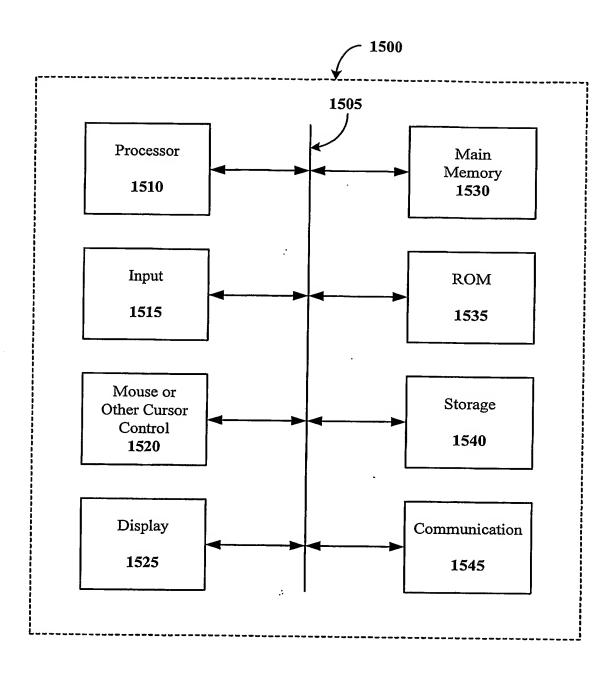


Figure 15

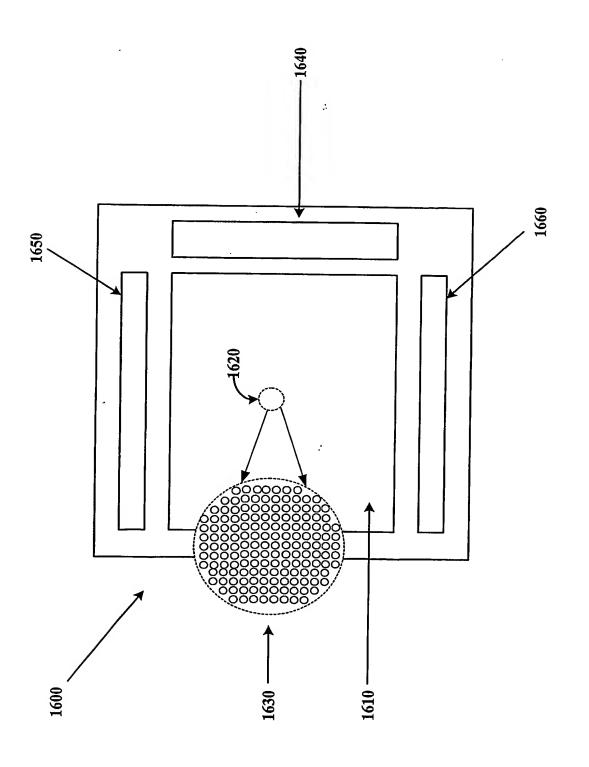
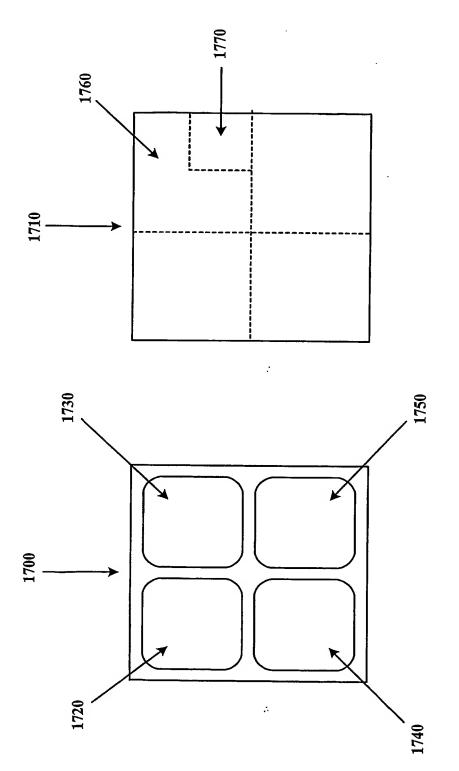
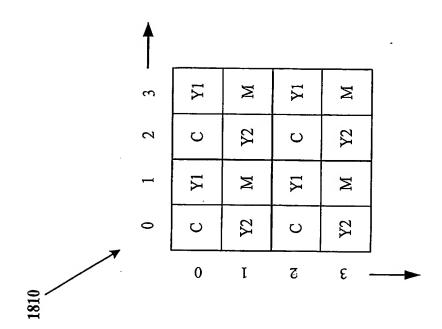


Figure 10



(Figure 17



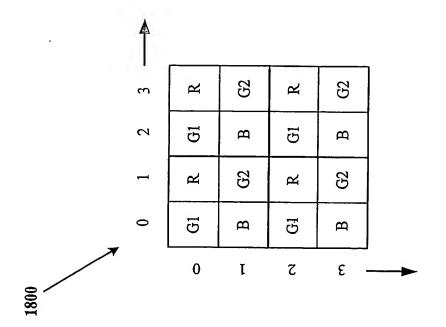


Figure 18

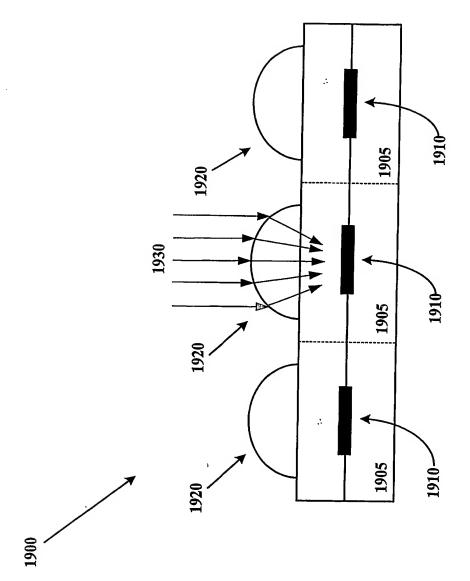


Figure 19

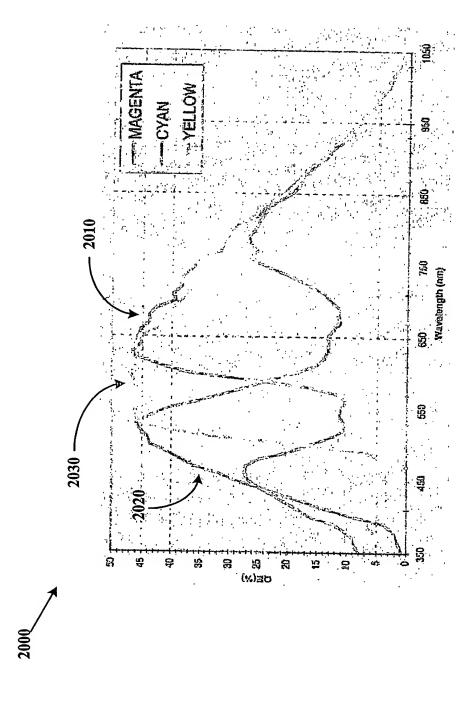


Figure 2

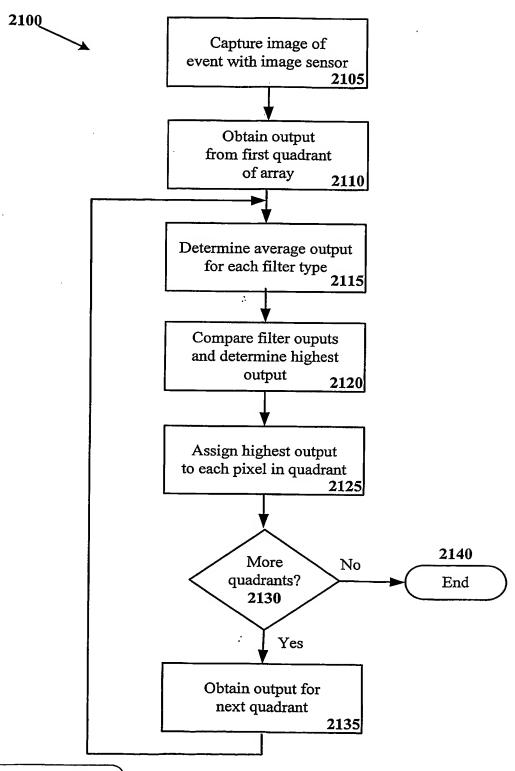


Figure 21

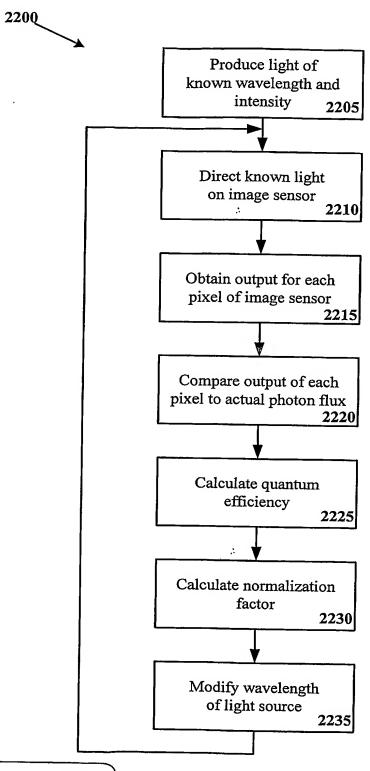


Figure 22

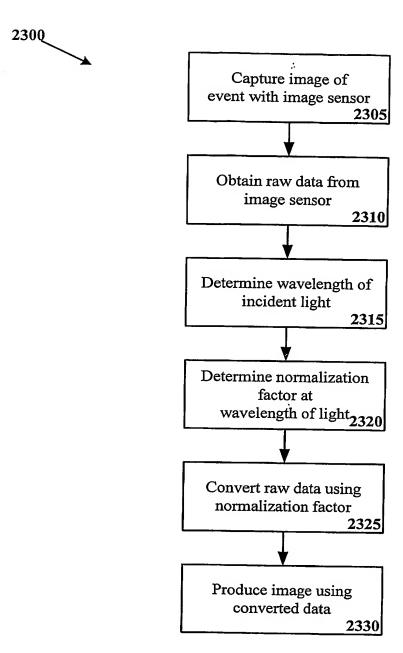
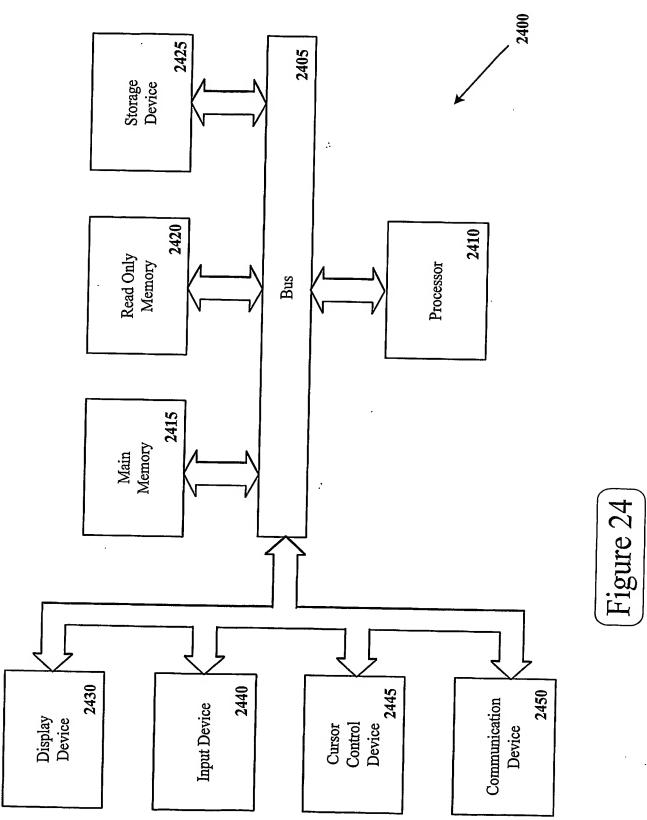
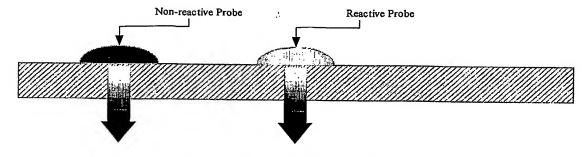
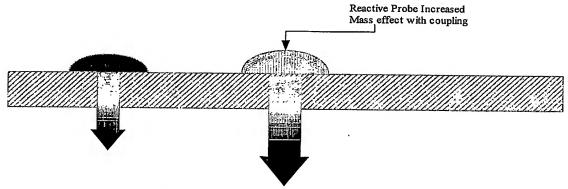


Figure 23



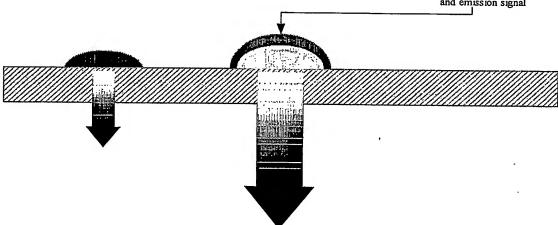


Signal  $(S_{ref})$  = Primary Scatter  $(S_p)$ 



Signal  $(S_2) = modified (S_p) + M_2$ 

Reactive Probe Increased Mass effect with coupling and emission signal



Signal  $(S_3)$  = modified  $(S_2)$  +  $M_3$  + Emission

Figure 25